

### **ABSTRACT**

A method and system for automatically providing to a network entity in a wireless network, a location of a mobile station where a call is dropped (i.e., a call-drop location). The mobile station or base station may determine that a call in which the mobile station was engaged has been dropped. In response to determining that a call has been dropped, the mobile station or  
5 base station may obtain the location of the mobile station. The call-drop location can be used to identify those areas of the wireless network needing improved radio coverage.